

1. (Amended) A vehicle interaction communication system,
comprising:

a wireless transmitter;

a digitized measurement of an operational aspect of a first [moving]
vehicle; and

a controller adapted to format said digitized measurement and
transmit said formatted digitized measurement using said wireless transmitter [to
an external device] over a local area network;

wherein the local area network is comprised of an intermediate
transceiver to relay said digitized measurement to a second vehicle.

2. (Amended) The vehicle interaction communication system
according to claim 1, further comprising:

a wireless receiver in said second [an adjacent] vehicle; and

a display in said second [adjacent] vehicle adapted to display a
parameter relating to said digitized measurement.

5. (Amended) The vehicle interaction communication system
according to claim 1, wherein:

said operational aspect of said moving vehicle is a current speed of
said first [moving] vehicle.

6. (Amended) The vehicle interaction communication system
according to claim 1, wherein:

said operational aspect of said first [moving] vehicle is a current
direction of said first [moving] vehicle.

7. (Amended) The vehicle interaction communication system
according to claim 1, wherein:

said operational aspect of said first [moving] vehicle is a location of
said first [moving] vehicle.

8. (Amended) The vehicle interaction communication system according to claim 1, wherein:

said operational aspect of said first [moving] vehicle is an indication of braking of said first [moving] vehicle.

9. (Amended) The vehicle interaction communication system according to claim 1, wherein:

said operational aspect of said first [moving] vehicle is an indication of measured slippage of at least one wheel of said first [moving] vehicle.

10. (Amended) The vehicle interaction communication system according to claim 1, wherein:

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said operational aspect of said first [moving] vehicle is an indication of a lane occupied by said first [moving] vehicle.

11. (Amended) The vehicle interaction communication system according to claim 1, wherein:

said operational aspect of said first [moving] vehicle is an indication of performance of said first [moving] vehicle.

13. (Amended) The vehicle interaction communication system according to claim 1, further comprising:

a wireless receiver; and

a display adapted to display a parameter relating to an operational aspect of said second [an another] vehicle.

15. (Amended) A method of communicating status information between moving vehicles, comprising:

measuring an operational aspect of a first vehicle in operation on a roadway;

establishing a local area network including said first vehicle; and

transmitting said measured operational aspect over said local area network;

wherein said local area network is comprised of an intermediate transceiver relaying said operational aspect to a second vehicle.

16. (Amended) The method of communicating status information between moving vehicles according to claim 15, wherein:

said measured operational aspect is transmitted to said [a] second vehicle in operation on said roadway.

26. (Amended) Apparatus for communicating status information between moving vehicles, comprising:

means for measuring an operational aspect of a first vehicle in operation on a roadway; [and]

means for establishing a local area network including said first vehicle; and

means for transmitting said measured operational aspect to a second vehicle in operation on said roadway;

wherein said local area network is comprised of an intermediate transceiver relaying said operational aspect to a second vehicle.

28. (Amended) A road mounted transmitter, comprising:

memory comprising a fixed value relating to a current speed limit;

and

an RF transmitter adapted to transmit said fixed value to passing vehicles.

32. (Amended) Apparatus comprising:

a first vehicle; and

a wireless communication system within said vehicle, said wireless communication system comprising:

a wireless transmitter,

a digitized measurement of an operational aspect of a moving vehicle, [and]

a controller adapted to format said digitized measurement and transmit said formatted digitized measurement using said wireless transmitter to a device external to a vehicle including said vehicle interaction communication system; and

a local area network comprising a fixed transceiver receiving said digitized measurement from said wireless communication system and forwarding said digitized measurement to a second vehicle.

33. (Amended) A method of controlling a vehicle, comprising:

establishing a local area network comprising a fixed transceiver;

receiving an operational aspect of a vehicle over said local area network; and

adjusting a driver control of said vehicle based on said received operational aspect of said vehicle.

44. (Amended) A method for controlling a vehicle, comprising:

establishing a wireless network comprising a fixed transceiver between at least two moving vehicles;

communicating at least one operational aspect of a first moving vehicle to a second, adjacent moving vehicle through said wireless network;

automatically adjusting at least one driver control of said first moving vehicle based on at least one operational aspect of said second, adjacent moving vehicle.